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Form 504	
U. S. COAST AND GEODETIC SURVEY DEPARTMENT OF COMMERCE	
<b>DESCRIPTIVE REPORT</b>	
Type of Survey	<i>Topographic</i>
Field No.	Office No. <i>2716</i>
LOCALITY	
State	<i>Virginia</i>
General locality	<i>Mobjack Bay</i>
Locality & Vicinity	<i>&amp; Vicinity</i>
<u>1906</u>	
CHIEF OF PARTY	
<i>Wm Bowe</i>	
LIBRARY & ARCHIVES	
DATE	

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U. S. C. & G. SURVEY,  
LIBRARY AND ARCHIVES,  
MAY 23 1906  
Acc. No. 2716

Department of Commerce and Labor  
COAST AND GEODETIC SURVEY

*A. H. Sittmann*  
Superintendent.

State: *Virginia*

DESCRIPTIVE REPORT.

*Topographic* Sheet No. *2716*

LOCALITY:

*Mobjack Bay & Vicinity*  
*Nare River to*  
*York River*

1906

CHIEF OF PARTY:

*Asst. U. S. Balham &*  
*Asst. Wm. Bowie.*

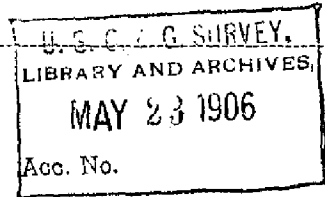
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Department of Commerce and Labor  
COAST AND GEODETIC SURVEY

11-644

Washington, D.C.

May 22, 1906

Descriptive Report  
Original Topographic Sheet  
No. 2716.

This sheet extends from ~~near~~ River to and including the lower portion of the north shore of the York River, and the interior topography from the shores of Mobjack Bay to the western edge of the sheet. Sheet 2745 joins this sheet on the west. Sheet 2716 also takes in a small section near New Point Comfort.

See my Season's Report of work on Mobjack Bay and vicinity, dated May 18, 1906, for the general character of area surveyed and methods employed. Also see <sup>accompanying that report</sup> progress sketch for the area surveyed by Asst Latham.

Plane Table Positions scaled from Sheet No. 2716

Object	Latitude		Longitude		Elev. in feet	Remarks
	0	1	in meters	in meters		
T. C. Pipe	37° 15'		1602	76° 24'	560	
T. C. Pipe	37	16	86	76 21	1230	On Isl. near Δ Sta. Muddy
T. C. Pipe	37	16	667	76 21	750	On Island
T. C. Pipe	37	20	1132	76 19	363	Pt. at entrance to Peppersh
T. C. Pipe	37	22	1545	76 27	89	
T. C. Pipe	37	22	139	76 24	1187	
T. C. Pipe	37	22	790	76 25	496	
T. C. Pipe	37	21	1780	76 26	1011	On Wind Mill Point
T. C. Pipe	37	23	405	76 27	1018	Pt near Hockley whf.
T. C. Pipe	37	23	1284	76 27	995	Pt near whf.
T. C. Pipe	37	21	1824	76 28	58	
T. C. Pipe	37	20	1317	76 24	1170	Flag + Pipe
T. C. Pipe	37	19	1615	76 24	528	On Seven Cedar Pt. } in marsh

The shores of the Chesapeake Bay and the main shore of Mobjack Bay and the shore of York River is new work. But the shores of the rivers and creeks are revisions of the old survey. This revision consists of surveying the main and prominent points and fitting the old shore line on them. This method proved satisfactory as the changes were not great. Most of the marsh line was taken from the old charts.

The work was controlled by triangulation of Mobjack Bay by Asst Latham, and supplemented plane table triangulation of the tributaries by me, and a regular triangulation of the York River by me.

The interior topography was controlled by traverses starting from known points on shore. Checks

was obtained whenever practicable

All side roads and filling in between main roads was done by orienting the table with the compass. The main roads were run by the ordinary fore and back sight traverses.

All the interior topography is entirely new, except the marsh lines, which were checked, and changed whenever necessary.

No attempt was made to locate the limit of mud flats which are present along the shores in all the rivers to a greater or less extent.

The area of the sheet is wooded to a great extent. Trees are mostly pines. There is little timber of larger size left by the sawmills.

The land near the shores is quite thickly settled. There are some very nice houses on the rivers.

The land on this sheet is all

low and in no case was it necessary to put in the 20 foot culverts.

The roads are of earth and are poorly drained. They are fair in summer and heavy in winter.

Alvong to the low ground the farmers are drained by numerous ditches, which makes it difficult to drive across country off the roads.

The bridges within area of sheet are all small and are kept in good condition.

There are ~~two~~<sup>three</sup> steamship wharves on Ware River, one on the Severn River and one at the north entrance to Monday Creek at which a steamer from Norfolk touches.

The industries are agriculture, fishing and oystering, with the shipping of the products of the land and water.

There are no towns or villages within limits of the sheet.

The names shown on sheet are from the best authorities available on the field.

"The Marshes Light" (see chart 398) is locally known as "The Point Light."

"Ellen's Island" (see chart 398) is the old name, and is familiar to the old inhabitants; but this name is corrupted to "Allen's Island." I would advocate the retention of the old name.

A number of topographic stations were marked by a terra cotta pipe, 2 feet long, and 4 inches in diameter, with top projecting about five inches above ground. These are noted on tracing with names. At a number of other topographic points, the flag poles were left standing and are marked "Flag" on the tracing; many of these could be recovered and used by



a hydrographic party if that work should be taken up within a year or two.

The topography on the sheet was executed by Asst E. B. Latham, Asst F. D. Grainger, Aid R. S. Patton, and Asst Wm Bourie.

The indexing was done by Asst F. D. Grainger, Aid R. S. Patton, Temporary Aid Reppenhagen and Asst Wm Bourie.

A tracing with names accompanied the sheet.

William Bourie  
Asst, Chief of Party.